

PACKAGING

MINI CATALOG



Shipping by Air - Yellow Particulate Kits

Yellow particulate kits are designed to meet IATA (6.3.1.2), 49CFR (178.601(g)(2)), IMDG (6.1.5.1.7), and TDG (5.12(1)) requirements. A shipper may use any bottle or container that meets the IATA pressure differential requirements. If the bottle or container does not meet the requirements use the ICC pressure bag shown below.

**AVAILABLE
IN 3 SIZES!**

Kits Contain:

- 4GV fiberboard box
- Sift-proof/leak-proof liner

Other Components:

- Yellow particulate (*needed for kit but sold separately*)
- Pressure bag (*if needed*)
- ICC's pressure tested bottles (*if needed*)

32 oz | 946 ml Shipper



PK-YP8

7.875" x 7.875" x 13.5628"

UN/4GV/X4.1

Gross Mass: 4.1 kg

Capacity: One 32 oz or one 946 ml container

Bundle /Skid Qty: 15/600

16 oz | 473 ml Shipper



PK-YP3

9.125" x 9.125" x 9.5"

UN/4GV/X2.2

Gross Mass: 2.2 kg

Capacity: One 16 oz or one 473 ml container

Bundle /Skid Qty: 25/500

8 oz | 236 ml Shipper



PK-YP11

6.75" x 6.75" x 9"

UN/4GV/X1.2

Gross Mass: 1.2 kg

Capacity: One 8 oz or one 236 ml container

Bundle /Skid Qty: 25/1350

+

9" x 14" Pressure Bag



+

9" x 14" Pressure Bag



+

9" x 14" Pressure Bag



Pressure bags are mandatory to meet IATA, ICAO 95 kPa pressure testing requirements.

If you are not sure that your container meets this requirement when shipping by air, please use these special pressure bags.

A heat sealer is required to close and seal these bags. You can find our heat sealer on pg 7.

+

Yellow Particulate

Great dust-free alternative to vermiculite.

Loose particulate is used in all 3 kit sizes above.

This universal loose absorbent is great for most chemicals.



Sold separately in bags of 25 lbs | 11 kgs. **Find on pg 33**

Cans & Bottles

Bottles must pass 95 kPa pressure testing.

You can use your own or buy our bottles that have all passed or exceeded the 95 kPa pressure testing requirement.



Find starting on pg 22

Shipping by Air - Vermiculite Kits

Vermiculite kits are designed to meet IATA requirement 6.3.1.2. These kits are accepted by carriers that transport hazardous materials/dangerous goods. Use these kits to ship classes 2, 3, 4, 5, 6, 8, & 9.

Kits Contain:

- 4GV fiberboard box
- Sift-proof/leak-proof liner

Other Components:

- Vermiculite (*needed for kit but sold separately*)
- Pressure bag (*if needed*)
- ICC's pressure tested bottles (*if needed*)

SHIPPING LITHIUM METAL BATTERIES?

Pre-approval is needed to ship Lithium Metal Batteries, UN3090. See your carrier's website for more information on obtaining pre-approval.

1 gal | 3.7 l Shipper



PK-VM10

12" x 12" x 16"

UN/4GV/X15.8

Gross Mass: 15.8 kg

Capacity: One 1 gal or one 4 l container

Bundle/Skid Qty: 15/600



14" x 26" Pressure Bag



32 oz | 946 ml Shipper



PK-VM8

7.875" x 7.875" x 13.5625"

UN/4GV/X4.1

Gross Mass: 4.1 kg

Capacity: One 32 oz or one 1 l container

Bundle/Skid Qty: 15/600



9" x 14" Pressure Bag



16 oz | 473 ml Shipper



PK-VM11

6.75" x 6.75" x 9"

UN/4GV/X2.8

Gross Mass: 2.8 kg

Capacity: One 16 oz or one 500 ml container

Bundle/Skid Qty: 25/1350



9" x 14" Pressure Bag



Pressure bags are mandatory to meet IATA, ICAO 95 kPa pressure testing requirements.

If you are not sure that your container meets this requirement when shipping by air, please use these special pressure bags.

A heat sealer is required to close and seal these bags. You can find our heat sealer on pg 7.



Extra Coarse Vermiculite

Mandatory for all shipments of liquids by air when secondary means of closure cannot be applied.

This Grade A4 extra coarse vermiculite is an excellent and economical solution for shipping samples worldwide.



Sold separately in bags of 19 lbs | 8.62 kg. **Find on pg 33**

Cans & Bottles

Bottles must pass 95 kPa pressure testing.

You can use your own or buy our bottles that have all passed or exceeded the 95 kPa pressure testing requirement.



Find starting on pg 22

4GV Boxes

What is a 4GV Box? 4GV boxes are variation packages of fiberboard boxes. Developed in 1990 by ICC Compliance Center these shippers can transport various sizes of bottles, containers, or tubes by all modes. All of our 4GV packaging systems are suitable for Packing Group I, II, & III liquids and solids. Leak-proof/sift-proof liners come standard with all of our variation packaging. A shipper may use any untested inner receptacle or choose from our wide selection on the next page.



Part Code	Box Size	UN Num	Gross Mass	Capacity	Bundle Qty	Skid Qty
PK-3SP	9.125" x 9.125" x 9.5"	UN/4GV/X7.7	7.7 kg	four 16 oz containers	25	500
PK-8SP	7.875" x 7.875" x 13.5628"	UN/4GV/X4.1	4.1 kg	one 32 oz container	15	600
PK-10SP	12" x 12" x 16"	UN/4GV/X15.8	15.8 kg	one 1 gal or four 32 oz containers	15	240
PK-11SP	6.75" x 6.75" x 9"	UN/4GV/X2.8	2.8 kg	one 16 oz container	25	1350
PK-12SP	19" x 19" x 19"	UN/4GV/X40.1	40.1 kg	four 1 gal containers	15	75
PK-13SP	13" x 13" x 12.75"	UN/4GV/X11.5	11.5 kg	four 32oz containers	25	200
PK-15SP	15" x 15" x 15"	UN/4GV/X19.6	19.6 kg	nine 16 oz containers	15	75
PK-17SP	16" x 11.25" x 9"	UN/4GV/X11.8	11.8 kg	two 16 oz & three 32 oz containers	15	150
PK-19SP	11" x 11" x 11.5"	UN/4GV/X10.1	10.1 kg	two 16 oz and & four 32 oz containers	25	500
PK-20SP	23.75" x 15" x 10.9375"	UN/4GV/X21.7	21.7 kg	six 32 oz containers	15	150
PK-21SP	21.5" x 12" x 12.5"	UN/4GV/X19.6	19.6 kg	two 1 gal containers	15	150
PK-24SP	20.75" x 20.75" x 12.5"	UN/4GV/X44.7	44.7 kg	four 1 gal containers	15	75
PK-25SP	23.5" x 15" x 23.5"	UN/4GV/X44	44 kg	six 1 gal containers	15	75
PK-105SP	9.625" x 9.625" x 19.5"	UN/4GV/X12.9	12.9 kg	one 1 gal container	15	300

4GV Box Inners

Plastic Containers

Our lightweight, economical high-density polyethylene (HDPE) containers are suitable for most liquids. Please consult your product's SDS for chemical compatibility. Pressure tested and suitable for all modes of transport.

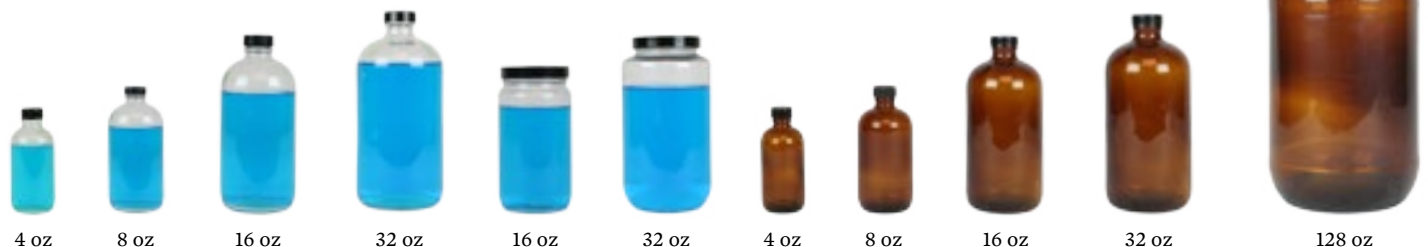
Code	Description
PK-KP4	4 oz narrow mouth with cap
PK-KP8	8 oz narrow mouth with cap
PK-P1600	16 oz narrow mouth with cap
PK-P3200	32 oz narrow mouth with cap
PK-P500	500 ml wide mouth with cap
PK-P950	950 ml wide mouth with cap
PK-P2800MM	128 oz narrow mouth with cap



Glass Containers

To help prevent chemical spills, we offer shatter-resistant, PVC coated bottles. The plastic coating aids in containing spills in the event the bottle is dropped or mishandled in transit. All bottles have been pressure tested to meet the 95 kPa requirement for shipments by air.

Code	Description
PK-G4A/F	4 oz coated narrow mouth bottle with cap (amber or flint)
PK-G8A/F	8 oz coated narrow mouth bottle with cap (amber or flint)
PK-G1600A/F	16 oz coated narrow mouth bottle with cap (amber or flint)
PK-G3200A/F	32 oz coated narrow mouth bottle with cap (amber or flint)
PK-G2800A	128 oz coated narrow mouth jug with cap
PK-HW16	16 oz coated wide mouth jar with cap
PK-HW32	32 oz coated wide mouth jar with cap



Metal Containers

Our paint cans are suitable for chemicals such as paints, coatings, and adhesives in addition to a variety of viscous chemicals. F-style cans are often used to hold paint thinners, solvents and lacquers. Cone cans are great for chemicals such as cleaners.

Code	Description
MT-PCPNT	Pint unlined with lid
MT-PCQUA	Quart unlined with lid
MT-USPCGAL	US gallon unlined with lid
MT-PCTL	5.3 liters paint can with lid
PK-RC16	16 oz cone can with cap
PK-RC32	32 oz cone can with cap
PK-FQUA	F-style quart with cap
PK-FGAL	F-style gallon with cap



WARNING: If you are shipping your own container by air they must meet the 95kPa pressure requirement. If you are unsure use our pressure bags on PAGE 7.

4GV Box Accessories

Extra Coarse Vermiculite

Grade A4 extra coarse vermiculite is the most economical way to pack chemicals for transportation. The vermiculite acts as a cushioning agent to help absorb any shock during transport. Vermiculite also acts as an absorbent to help absorb any leaks that may occur.

Vermiculite is:

- asbestos free
- great for liquid spills and leaks
- tested in all of our 4GV boxes

Code	Volume	Grade	Skid Qty
AB-VERM4	19 lbs 8.62 kg	A4 - Extra Coarse	30 bags



Tape & Tape Gun

This 3M tape is recommended by ICC for use on all of our 4GV boxes and complies with all dangerous goods regulations.



Code	Description	Roll Size	Case Qty
PA-MSST1	3M #305 clear tape	48 mm x 100 m	36 rolls
PA-MSST4	3M #375 clear tape	48 mm x 100 m	36 rolls
PA-MSST5	3M Tartan utility 8934 tape	48 mm x 100 m	36 rolls
PA-GPS1	Kraft reinforced (260)	3" x 450'	10 rolls
PA-MSSTD1	2" tape dispenser	N/A	N/A



Closure Tape

Closures of inner receptacles (bottles, cans, jars) should be held securely in place using sealing tape as a positive means of closure per 49 CFR (173.24(f)) and IATA (5.0.2.7.2) requirements. This recommended tape should be used on all inner containers.

Code	Description	Roll Qty	Case Qty
PA-MSST6	White vinyl tape, 0.75" x 6"	100 pieces	18 rolls



Refer to the regulations for information on applying positive means of closure.

4GV Pressure Bags & Accessories

Tape Seal Pressure Bags

These bags are hydrostatically tested to meet 95 kPa pressure requirements as outlined in the 49 CFR, IATA and ICAO regulations. These bags are easy-to-use and do not require a heat sealer, but rather tapes closed. Simply add your non-pressure tested inner, peel the backing off the adhesive edge, and press firmly.

Code	Description
BI-BIOBAG1B	6" x 8" bag (usable space)
BI-BIOBAG2B	11.25" x 10" bag (usable space)



Heat Seal Pressure Bags

These bags were developed by ICC and approved by Transport Canada to make non-tested inners comply with pressure test requirements for shipping liquids by air.

Code	Description	Box Qty
BI-BSS1	2.25" x 9" pressure bag	2000
BI-BSS3	4" x 9" pressure bags	1000
BI-BSS4	14" x 26" pressure bag	500
BI-BSS5	9" x 14" pressure bag	1000
BI-BSS7	20" x 30" pressure bag	500
BI-BSS13	30" x 30" pressure bag	250



Heat Sealer & Accessories

Electric heat sealers are mandatory for use with pressure bags to comply with 95 kPa requirements. Special thermal control prevents weak and burn-through seals.

Code	Description
BI-HS2	12" heat sealer
BI-HS3	16" heat sealer
BI-TEFLON12	Replacement Teflon™ 12"
BI-TEFLON16	Replacement Teflon™ 16"
BI-WIRES12	Replacement wires 12"
BI-WIRES16	Replacement wires 16"
BI-SILICO12	Replacement silicon 12"
BI-SILICO16	Replacement silicon 16"



Gallon Paint Can Shippers - Dust Free

1 x 1 Gallon Shipper with Insert



Insert

Specifications: 4G/Y7.8/S
Box #/Insert: BX-81/IN-81
Gross Mass: 7.8 kg
Box Inner Dimensions (L x W x H): 7.25" x 7.25" x 8.625"

Code	Description
PK-NGALC	Box, insert, gallon can, lid, Ringlok®
PK-NGAL	Box, insert, Ringlok® (no can)

**ALL KITS ARE
AIR APPROVED
& COMPLY TO
IATA 5.0.2.7.2***

1 x 1 Gallon Shipper without Insert



Inner Container

Specifications: 4G/Y6.8/S
Box #: BX-71
Gross Mass: 6.8 kg
Box Inner Dimensions (L x W x H): 6.875" x 6.875" x 8.125"

Code	Description
PK-RLGALC	Box, gallon can, lid, Ringlok®
PK-RLGAL	Box, Ringlok® (no can)

2 x 1 Gallon Shipper



Inner Containers

Specifications: 4G/Y16/S
Box #: BX-85
Gross Mass: 16 kg
Box Inner Dimensions (L x W x H): 14.625" x 7" x 7.6875"

Code	Description
PK-N2GALC	Box, 2 gallon cans, 2 lids, 2 Ringloks®
PK-N2GAL	Box, 2 Ringloks® (no cans)

4 x 1 Gallon Shipper



Specifications: 4G/Y33.8/S
Box #: BX-87
Gross Mass: 33.8 kg
Box Inner Dimensions (L x W x H): 14.625" x 14.625" x 7.6875"

Code	Description
PK-N4GALC	Box, 4 gallon cans, 4 lids, 4 Ringloks®
PK-N4GAL	Box, 4 Ringloks® (no cans)

*When used with suggested inner containers.

Quart Paint Can Shippers - Dust Free

1 x 1 Quart Shipper

Specifications: 4G/Y4.0/S

Box #/ Insert: BX-30CA/IN-30CA1

Gross Mass: 4.0 kg

Box Inner Dimensions (L x W x H): 11.625" x 6.375" x 8.25"

Code	Description
PK-NQTCA	Box, insert, can, lid, Ringlok®
PK-NQTC	Box, insert, can, lid, 4 clips
PK-NQTA	Box, insert, Ringlok® (no can)
PK-NQT	Box, insert, 4 clips (no can)



Insert



2 x 1 Quart Shipper

Specifications: 4G/Y4.0/S

Box #/Insert: BX-30CA/IN-30CA2

Gross Mass: 4.0 kg

Box Inner Dimensions (L x W x H): 11.625" x 6.375" x 8.25"

Code	Description
PK-N2QTCA	Box, insert, 2 cans, 2 lids, 2 Ringloks®
PK-N2QTC	Box, insert, 2 cans, 2 lids, 8 clips
PK-N2QTA	Box, insert, 2 Ringloks® (no cans)
PK-N2QT	Box, insert, 8 clips (no cans)



Insert



4 x 1 Quart Shipper

Specifications: 4G/Y9.8/S

Box #: BX-32

Gross Mass: 9.8 kg

Box Inner Dimensions (L x W x H): 9.4375" x 9.4375" x 5.125"

Code	Description
PK-N4QTCN	Box, 4 cans, 4 lids, 4 Ringloks®
PK-N4QTC	Box, 4 cans, 4 lids, 16 clips
PK-N4QTA	Box, 4 Ringloks® (no cans)
PK-N4QT	Box, 16 clips (no cans)



6 x 1 Quart Shipper

Specifications: 4G/Y9.8/S

Box #: BX-33

Gross Mass: 9.8 kg

Box Inner Dimensions (L x W x H): 13.937" x 9.437" x 5.125"

Code	Description
PK-N6QTCA	Box, 6 cans, 6 lids, 6 Ringloks®
PK-N6QTC	Box, 6 cans, 6 lids, 24 clips
PK-N6QTA	Box, 6 Ringloks® (no cans)
PK-N6QT	Box, 24 clips (no cans)



Foam Paint Can Shippers - Dust Free

Foam Sets



These foam sets help protect your paint can from damage during transportation. Each kit has been tested to meet the UN performance packaging standards. Order the set with or without cans.

Code	Description
FO-KFQ	Quart foam
FO-KFG	Gallon foam

Sold individually

**ALL KITS ARE
AIR APPROVED
& COMPLY TO
IATA 5.0.2.7.2***

1 x 1 Quart Foam Shipper



Specifications: 4G/X2.2/S
Box #/Foam Set: BX-31/FO-KFQ
Gross Mass: 2.2 kg
Box Inner Dimensions (L x W x H): 5.75" x 5.75" x 6.5"

Code	Description
PK-NQTFCA	Box, foam set, can, lid, Ringlok®
PK-NQTFC	Box, foam set, can, lid, 4 clips
PK-NQTF	Box, foam set, Ringlok® (no can)
PK-NQTF	Box, foam set, 4 clips (no can)

1 x 1 Gallon Shipper



Specifications: 4G/Y8.0/S
Box #/Foam Set: BX-80/FO-KFG
Gross Mass: 8.0 kg
Box Inner Dimensions (L x W x H): 9.25" x 9.25" x 9.75"

Code	Description
PK-NGALFC	Box, gallon can, lid, foam set, Ringlok®
PK-NGALF	Box, foam set, Ringlok® (no can)

2 x 1 Gallon Foam Shipper



Specifications: 4G/Y15.8/S
Box #/Foam Set: BX-86/FO-KFG (2)
Gross Mass: 15.8 kg
Box Inner Dimensions (L x W x H): 18.375" x 9.25" x 9.75"

Code	Description
PK-N2GALFC	Box, 2 (1) gallon cans, 2 lids, 2 foam sets, 2 Ringloks®
PK-N2GALF	Box, 2 foam sets, 2 Ringloks® (no can)

**When used with suggested inner containers.*

Economy Paint Can Shippers - Dust Free

The economy line paint can shippers are designed to ship regulated paint (or paint related products), while remaining in compliance to the UN performance packaging standards. These shippers are intended to be used with a round gallon paint can, Ringlok®, and box. Ensure these shippers are packaged for shipment in the same manner as they were tested to remain in compliance.

1 x 1 Economy Gallon Shipper

Specifications: 4G/Y7.2/S

Box #: BX-110

Gross Mass: 7.2 kg

Box Inner Dimensions (L x W x H): 7.125" x 7.125" x 7.75"

Code	Description
PK-GALE	Box, Ringlok®
BX-110	Box



2 x 1 Economy Gallon Shipper

Specifications: 4G/Y12.7/S

Box #/Insert: BX-111/IN-111

Gross Mass: 12.7 kg

Box Inner Dimensions (L x W x H): 14.375" x 7.375" x 7.75"

Code	Description
PK-2GALE	Box, insert, 2 Ringloks®
PK-111	Box, insert only



4 x 1 Economy Gallon Shipper

Specifications: 4G/Y25.4/S

Box #/Insert: BX-112/IN-112

Gross Mass: 25.4 kg

Box Inner Dimensions (L x W x H): 14.375" x 14.375" x 7.75"

Code	Description
PK-4GALE	Box, insert, 4 Ringloks®
PK-112	Box, insert only



Gallon F-Style Shippers - Dust Free

1 x 1 F-Style Gallon Shipper



Specifications: 4G/Y6.2/S
Box #/ Insert: BX-23CADU/IN-23CA1
Gross Mass: 6.2 kg
Box Inner Dimensions (L x W x H): 8.375" x 6.75" x 10.5"

Code	Description
PK-MT121	Box, insert, F-style gallon can, closure
PK-MT121NC	Box, insert (<i>no can</i>)

**ALL KITS ARE
AIR APPROVED
& COMPLY TO
IATA 5.0.2.7.2***

2 x 1 F-Style Gallon Shipper



Specifications: 4G/Y12.2/S
Box #: BX-23D
Gross Mass: 12.2 kg
Box Inner Dimensions (L x W x H): 8.75" x 6.75" x 10.1875"

Code	Description
PK-MT122	Box, 2 F-style gallon cans, 2 closures
PK-MT122NC	Box (<i>no can</i>)

4 x 1 F-Style Gallon Shipper



Specifications: 4G/Y24.5/S
Box #: BX-24DU
Gross Mass: 24.5 kg
Box Inner Dimensions (L x W x H): 14.25" x 9.25" x 10.125"

Code	Description
PK-MT124	Box, 4 F-style gallon cans, 4 closures
PK-MT124NC	Box (<i>no can</i>)

**When used with suggested inner containers.*

Quart F-Style Shippers - Dust Free

1 x 1 F-Style Quart Shipper

Specifications: 4G/Y4.0/S

Box #/Insert: BX-26CA/IN-26CA1

Gross Mass: 4.0 kg

Box Inner Dimensions (L x W x H): 5.875" x 4.6875" x 7.5625"

Code	Description
PK-MT131	Box, insert, F-style quart can, closure
PK-MT131NC	Box, insert (<i>no can</i>)



Inner Container



2 x 1 F-Style Quart Shipper

Specifications: 4G/Y4.0/S

Box #/Insert: BX-26CA/IN-26CA2

Gross Mass: 4.0 kg

Box Inner Dimensions (L x W x H): 5.875" x 4.6875" x 7.5625"

Code	Description
PK-MT132	Box, insert, 2 F-style quart cans, 2 closures
PK-MT132NC	Box, insert (<i>no can</i>)



Insert & Inner Containers



4 x 1 F-Style Quart Shipper

Specifications: 4G/Y12.2/S

Box #/Insert: BX-21CA/IN-21CA4

Gross Mass: 12.2 kg

Box Inner Dimensions (L x W x H): 10" x 7.8125" x 7.625"

Code	Description
PK-MT134	Box, insert, 4 F-style quart cans, 4 closures
PK-MT134NC	Box, insert (<i>no can</i>)



Insert & Inner Containers



6 x 1 F-Style Quart Shipper

Specifications: 4G/Y12.2/S

Box #/Insert: BX-21CA/IN-21CA6

Gross Mass: 12.2 kg

Box Inner Dimensions (L x W x H): 10" x 7.8125" x 7.625"

Code	Description
PK-MT136	Box, insert, 6 F-style quart cans, 6 closures
PK-MT136NC	Box, insert (<i>no can</i>)



Insert & Inner Containers



Cone Can Shippers - Dust Free

1 x 1 Cone Can Shipper (16 oz | 500 ml)



Specifications 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-10016CA

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-MTRC141	Box, insert, 16 oz can, closure

ALL KITS ARE
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& COMPLY TO
IATA 5.0.2.7.2*

1 x 1 Cone Can Shipper (32 oz | 1 l)



Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-100CA32

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-MTRC151	Box, insert, 32 oz can, closure

4 x 1 Cone Can Shipper (16 oz | 500 ml)



Specifications: 4G/Y3.4/S

Box #: BX-12C

Gross Mass: 3.4 kg

Box Inner Dimensions (L x W x H): 5.75" x 5.75" x 7.75"

Code	Description
PK-MTRC144	Box, four 16 oz cans, 4 closures

4 x 1 Cone Can Shipper (32 oz | 1 l)



Specifications: 4G/Y9.7/S

Box #/Insert: BX-15CA/IN-15CA4

Gross Mass: 9.7 kg

Box Inner Dimensions (L x W x H): 7.4375" x 7.4375" x 11.125"

Code	Description
PK-MTRC155	Box, insert, four 32 oz cans, 4 closures

*When used with suggested inner containers.

Glass Bottle Shippers - Dust Free

4 oz - 32 oz (118 ml - 1 l) Absorbent Glass Shippers

Absorbent glass shippers are perfect for all modes of transport. All UN performance packaging must be packed and closed in accordance with packing instructions. Available in amber (A), flint (F), or wide mouth (W).



Specifications: 4G/Y2.7/S

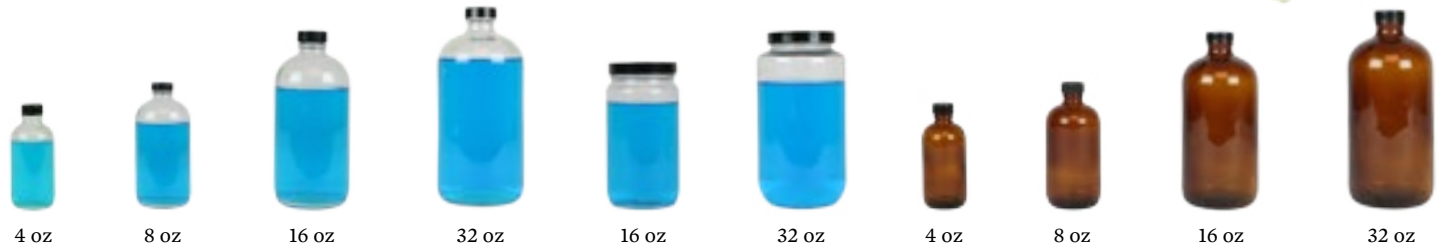
Box #: BX-100CA

Insert: IN-100CA48 or IN-100CA16 or IN-100CA32 or IN-100CAWR

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-GNA4A/F	Box, insert, 4 oz coated bottle, cap, small absorbent pouch, leakproof liner
PK-GNA8A/F	Box, insert, 8 oz coated bottle, cap, small absorbent pouch, leakproof liner
PK-GNA16A/F	Box, insert, 16 oz coated bottle, cap, small absorbent pouch, leakproof liner
PK-GNA32A/F	Box, insert, 32 oz coated bottle, cap, small absorbent pouch, leakproof liner
PK-GNA16W	Box, insert, 16 oz coated bottle, cap, small absorbent pouch, leakproof liner
PK-GNA32W	Box, insert, 32 oz coated bottle, cap, small absorbent pouch, leakproof liner



128 oz | 3.78 l Absorbent Glass Shipper

This shipper is designed for a 128 oz glass bottle with the necessary absorbent material (sold separately). The insert reduces the amount of absorbent, while keeping the outer box as compact as possible.



Specifications: 4G/X12.9/S

Box #/Insert: BX-105/IN-105

Gross Mass: 12.9 kg

Box Inner Dimensions (L x W x H): 9.625" x 9.625" x 19.5"

Code	Description
PK-GLG28IN	Box, insert, 128 oz amber glass bottle with cap, liner bag



Inner Container



Glass Foam Shippers

Specifications: 4G/Y3.0/S

Box #/Insert: BX-5G/FO-KF8 or FO-KF16 or FO-KF32

Gross Mass: 3.0 kg

Box Inner Dimensions (L x W x H): 6" x 6" x 12.25"



Code	Description
PK-GKF8A/F	Box, foam set, 8 oz coated bottle, cap
PK-GKF16A/F	Box, foam set, 16 oz coated bottle, cap
PK-GKF32A/F	Box, foam set, 32 oz coated bottle, cap



See PAGE 35 for our absorbent pouches.

Plastic Bottle Shippers - Dust Free

1 x 1 Plastic Bottle Shipper (1 gal | 4 l)



Specifications: 4G/Y4.8/S

Box #: BX-115

Gross Mass: 4.8 kg

Box Inner Dimensions (L x W x H): 6.375" x 6.375" x 12"

Code	Description
PK-1GRPC	Box, 128 oz bottle, cap

**ALL KITS ARE
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& COMPLY TO
IATA 5.0.2.7.2***

4 x 1 Plastic Bottle Shipper (1 gal | 4 l)



Specifications: 4G/Y19.2/S

Box #: BX-4GRPC

Gross Mass: 19.2 kg

Box Inner Dimensions (L x W x H): 12.75" x 12.75" x 12"

Code	Description
PK-4GRPC	Box, four 128 oz bottles, 4 caps

1 x 1 Narrow Mouth Plastic Bottle Shipper (32 oz | 950 ml)



Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-10016CA

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-PCP3200	Box, insert, 32 oz bottle, cap

4 x 1 Narrow Mouth Plastic Bottle Shipper (32 oz | 950 ml)



Specifications: 4G/Y9.7/S

Box #: BX-15CA/IN-15CA4

Gross Mass: 9.7 kg

Box Inner Dimensions (L x W x H): 7.4375" x 7.4375" x 11.625"

Code	Description
PK-PCP3204	Box, four 32 oz bottles, 4 caps

1 x 1 Wide Mouth Plastic Bottle Shipper (32 oz | 950 ml)



Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-100CA32

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-PCP950	Box, insert, 950 ml bottle, cap

**When used with suggested inner containers.*

Plastic Bottle Shippers - Dust Free

1 x 1 Narrow Mouth Plastic Bottle Shipper (16 oz | 500 ml)

Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-10016CA

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-PCP1600	Box, insert, 16 oz bottle, cap



4 x 1 Narrow Mouth Plastic Bottle Shipper (16 oz | 500 ml)

Specifications: 4G/Y3.4/S

Box #: BX-12C

Gross Mass: 3.4 kg

Box Inner Dimensions (L x W x H): 5.75" x 5.75" x 7.75"

Code	Description
PK-PCP1604	Box, four 16 oz bottles, 4 caps



1 x 1 Wide Mouth Plastic Bottle Shipper (16 oz | 500 ml)

Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-10016CA

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-PCP500	Box, insert, 500 ml bottle, cap



1 x 1 Plastic Bottle Shipper (8 oz | 240 ml)

Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-100CA48

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-PCP8	Box, insert, 8 oz bottle, cap



1 x 1 Plastic Bottle Shipper (4 oz | 120 ml)

Specifications: 4G/Y2.7/S

Box #/Insert: BX-100CA/IN-100CA48

Gross Mass: 2.7 kg

Box Inner Dimensions (L x W x H): 6.25" x 5.375" x 11.625"

Code	Description
PK-PCP4	Box, insert, 4 oz bottle, cap



Specialty Shippers

Automotive Airbag Shipper

The automotive airbag shipper is tested to contain three or six airbags.
This shipper has been tested to meet the UN performance packaging standards.



Specifications: 4G/Y14.0/S
Box #/Insert: BX-TD01001/IN-TD01001 and IN-TD01002
Gross Mass: 14 kg
Box Inner Dimensions (L x W x H): 23.375" x 14.75" x 7.625"
3-Cell Dimensions (L x W x H): 21" x 4" x 7.625"
6-Cell Dimensions (L x W x H): 10.25" x 4" x 7.625"

Code	Description
PK-TD01001	Box, 2 top and bottom crush pads, cell insert

Airbag Module Shipper

This UN package has been tested to meet the requirements of shipping recycled airbag modules.
Simply place the unit inside the anti-static bag, add vermiculite and apply the necessary labels.



Specifications: 4GV/X11.1/S
Box #: BX-17SP
Gross Mass: 11.1 kg
Box Inner Dimensions (L x W x H): 16" x 11.25" x 9"
**Not included - 1" bubble wrap or vermiculite*

Code	Description
PK-ABMS1	Box, X-large liner, anti-static bag, plastic locking tie, 2 strips of tape

Multi-function Kit

Use this kit when you need a little more protection for your inner container, or if you have an inner container that does not meet the 95 kPa pressure test. Simply place your bottle inside the can, add compatible cushioning or absorbent material to fill the void space, label and ship.



Specifications: 4G/Y8.1/S
Box #: BX-79
Gross Mass: 8.1 kg
Box Inner Dimensions (L x W x H): 7.25" x 7" x 11"

Code	Description
PK-NTALLC	Box, tall paint can, lid, Ringlok®
PK-NTALL	Box, Ringlok® (no can)

US Special Permit Kits

Special permit UN packages are designed, tested, and certified for shipping Packing Groups I, II and III hazardous materials by air or ground and are approved by UPS and FedEx.

US DOT-issued special permits authorize the transportation of certain hazardous materials without hazard labels or placards, listed as an exemption. The inner container quantity limits must be less than or equal to one liter for liquids and 2.85 kilograms for solids. The package is also tested and certified as a 4GV variation package for shipping hazardous materials with specification packaging.

There are several different styles of outer packages, enabling a wide variety of inner packages to be used. The complete packaging system has been authorized by the US Department of Transportation for the shipment of most hazardous materials without an outside warning label. Available with gallon or tall can.

These UN performance-tested packagings provide the flexibility of using your own inner container up to 32 oz, to ship Packing Group I, II, or III materials by all modes of transportation. Example materials shipped with special permit packaging: flammable liquids, flammable solids, pyrophoric materials, self-heating materials, organic peroxides, oxidizers, dangerous when wet materials, toxic materials, corrosive materials, and class 9 miscellaneous hazardous materials.

Note: This special permit applies only within the United States. For all shipments outside of the US, the appropriate hazard class label must be applied over the special permit number.

Special Permit Kit with 1 gal | 4 l can

Specifications: 4GV/X4.2/S

Box #/Insert: BX-54E/IN-54E

Gross Mass: 4.2 kg

Box Inner Dimensions (L x W x H): 10.25" x 10.25" x 12.5"



Code	Description
PK-EGAL	Box, leakproof liner bag, insert, can with lid, Ringlok®, DOT exemption letter 10962 revision 13
PK-EGALLV	Box, leakproof liner bag, insert, can with lid, Ringlok®, DOT exemption letter 10962 revision 13, loose vermiculite



Special Permit Kit with 1.4 gal | 5.3 l can

Specifications: 4GV/X4.2/S

Box #/Insert: BX-54E/IN-54E

Gross Mass: 4.2 kg

Box Inner Dimensions (L x W x H): 10.25" x 10.25" x 12.5"



Code	Description
PK-ETALL	Box, leakproof liner bag, insert, tall can with lid, Ringlok®, DOT exemption letter 10962 revision 13
PK-ETALLV	Box, leakproof liner bag, insert, tall can with lid, Ringlok®, DOT exemption letter 10962 revision 13, loose vermiculite



Battery Shippers

These versatile battery shippers come with the necessary items needed to safely ship lithium batteries. Peanuts (sold separately) can be used to fill void space and maintain cushioning distances.

SHIPPING LITHIUM METAL BATTERIES?

Pre-approval is needed to ship Lithium Metal Batteries, UN3090.
See your carrier's website for more information on obtaining pre-approval.

Exempt Battery Shipper



Specifications: Not UN Rated

Box #: BX-106

Box Inner Dimensions (L x W x H): 11.25" x 6.625" x 3.5"

Pouch Specs: .1875" bubble diameter, 7" x 11.5"

Code	Description
PK-LITH0601	Box, anti-static bubble wrap pouch, exempt lithium battery label

Medium Battery Shipper



Specifications: 4GV/X2.3/S

Box #: BX-3SP

Gross Mass: 2.3 kg

Box Inner Dimensions (L x W x H): 9.125" x 9.125" x 9.5"

Pouch Specs: .1875" bubble diameter, 7" x 11.5"

Code	Description
PK-LITH0901	Box, anti-static bubble wrap pouch, anti-static liner

Economy Battery Shipper



Specifications: 4G/Y31/S

Box #: BX-BATTERY3

Gross Mass: 31 kg

Box Inner Dimensions (L x W x H): 17" x 13.25" x 13.5"

Code	Description
PK-BATTERY3	Box, anti-static liner bag

OUR MOST
ECONOMICAL
BATTERY
SHIPPER

Battery Shippers

Battery Shipper

Specifications: 4G/Y30/S

Box #/Insert: BX-BATTERY/4 IN-SM1, 2 IN-LG1

Gross Mass: 30 kg

Box Inner Dimensions (L x W x H): 17" x 11.375" x 12.75"

Cell Dimensions (L x W x H): 13" x 6.75" x 9.25"

Code	Description
PK-BATTERY	Box, honeycomb fiberboard inserts, anti-static liner bag, sift-proof/leak-proof liner



Military Battery Shipper

Specifications: 4G/Y40.5/S

Box #/Insert: BX-BATTERY2/2 IN-SM2, 2 IN-MD2, 2 IN-LG2

Gross Mass: 40.5 kg

Box Inner Dimensions (L x W x H): 14.75" x 14.25" x 13.0625"

Cell Dimensions (L x W x H): 10.75" x 10.25" x 9.0625"

Code	Description
PK-BATTERY2	Box, honeycomb fiberboard inserts, anti-static liner bag, sift-proof/leak-proof liner



Battery Acid Spill Kit

This spill kit has everything you need to handle battery acid hazards, including personal protective equipment (PPE).

Kit Contains

- Three 3" x 4' socks
- Fourty 15" x 19" pads
- Two 18" x 18" pillows
- 1 pair neoprene gloves
- 1 pair safety goggles
- Two 2 lb acid neutralizing sorbent shaker cartons

Code	Description
AB-SPKHZBAT	Battery spill kit, 22" W x 18" H plastic salvage drum



Only need a lithium battery shipping label? See our labeling selection for lithium battery labels.

Metal Cans & Accessories

Round Style Paint Cans

These cans have been tested in our UN certified shipping kits and can be used with any variation packaging. A Ringlok® or paint can clips must be used for air or ground shipments.



Code	Description	Size	Case Qty
MT-PCPNT	Pint unlined with lid	3.4375" x 3.875"	52
MT-PCQUA	Quart unlined with lid	4.25" x 4.875"	56
MT-USPCGAL	US gallon unlined with lid	6.625" x 7.5313"	46
MT-PCTL	5.3 liters tall paint can unlined with lid	6.625" x 10.375"	220

F-Style Cans & Cone Cans



Code	Description	Case Qty
F-Style Cans		
PK-FQUA	F-style quart can with 1.25" closure and cap	120
PK-FGAL	F-style gallon can with 1.25" closure and cap	40
Cone Cans		
PK-RC16	16 oz cone top can with 1.125" closure and cap	192
PK-RC32	32 oz cone top can with 1.125" closure and cap	144

Ringloks® & Can Clips



Code	Description	Case Qty
RL-CJ7	US gallon Ringlok®	250
RL-CJ8	Quart Ringlok®	500
RL-CJ9	Pint Normlock	500
MT-PCCLIPS	Paint can clips	1000

Caps for Glass & Plastic Bottles

Caps provide a tight seal and acts as a barrier against leakage. The liner moulds around the bottle opening as the cap is screwed on. This helps to eliminate such things as leaks, evaporation, and contamination.



	Code	Description	Bottle Size	Mouth
GLASS	CP-22400	Phenolic cap with polyethylene cone liner	4 oz	Narrow
	CP-24400	Phenolic cap with polyethylene cone liner	8 oz	Narrow
	CP-28400	Phenolic cap with polyethylene cone liner	16 oz	Narrow
	CP-33400	Phenolic cap with polyethylene cone liner	32 oz	Narrow
	CP-38430LP	Polypropylene cap with polyethylene foam liner	128 oz	Narrow
	CP-70MM	Phenolic cap with Teflon® liner	16 & 32 oz	Wide
PLASTIC	CP-28400	Phenolic cap with polyethylene cone liner	16 & 32 oz	Narrow
	CP-53400	Phenolic cap with pulp and polyvinyl film liner	16 & 32 oz	Wide
	CP-38400WMM	Polypropylene cap with polyethylene liner	128 oz	Narrow

Glass & Plastic Bottles

Narrow Mouth Glass Bottles

To help prevent chemical spills, we offer shatter-resistant, polyvinyl chloride (PVC) coated bottles. The plastic coating aids in absorbing some of the shock in the event the bottle is dropped or mishandled in transit and also assists in containing the spill. All bottles have been pressure tested to meet the 95 kPa requirement for shipments by air. Several sizes are available in amber (A), colorless flint (F), or wide mouth (W) glass. All UN performance packaging must be packed and closed in accordance with the manufacturer's packing instructions.

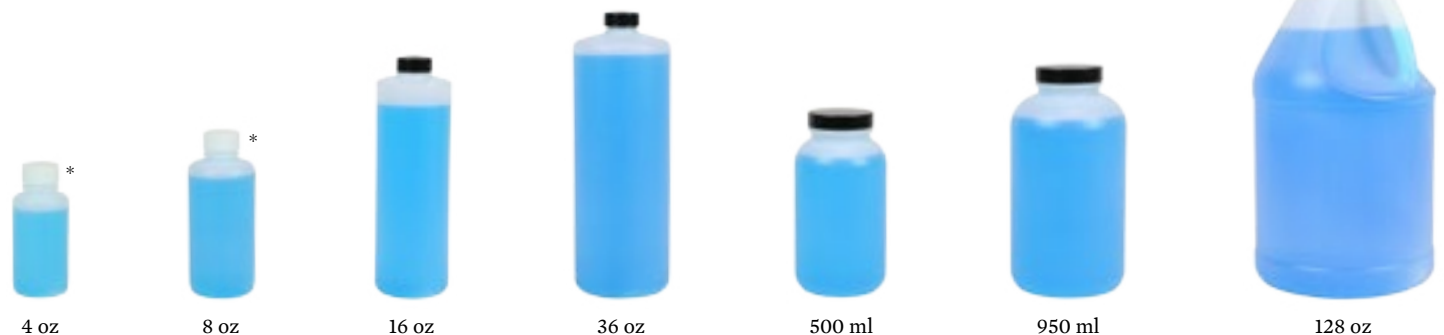
Code	Description	Case Qty
PK-G4A/F	4 oz coated narrow mouth bottle and phenolic cap with polyethylene cone liner	126
PK-G8A/F	8 oz coated narrow mouth bottle and phenolic cap with polyethylene cone liner	96
PK-G1600A/F	16 oz coated narrow mouth bottle and phenolic cap with polyethylene cone liner	60
PK-G3200A/F	32 oz coated narrow mouth bottle and phenolic cap with polyethylene cone liner	30
PK-HW16	16 oz coated wide mouth bottle and phenolic cap with Teflon® liner	48
PK-HW32	32 oz coated wide mouth bottle and phenolic cap with Teflon® liner	12
PK-G2800A	128 oz coated narrow mouth jug and polypropylene cap with polyethylene foam liner	4



Plastic Bottles

Our lightweight, economical high-density polyethylene (HDPE) containers are suitable for most harsh liquids. Pressure tested and suitable for all modes of transport. *Caps included with bottle and not sold separately.

Code	Description	Case Qty
PK-KP4*	4 oz (natural) plastic bottle and cap	300
PK-KP8*	8 oz (natural) plastic bottle and cap	200
PK-P1600	16 oz (natural) plastic bottle and phenolic cap with polycone liner	291
PK-P3200	32 oz (natural) plastic bottle and phenolic cap with polycone liner (black)	126
PK-P2800MM	128 oz (natural) plastic bottle and polypropylene cap with polyethylene foam liner	224 (skid)
PK-P500	500ml (natural) plastic bottle and phenolic cap with pulp and polyvinyl film liner	126
PK-P950	950ml (natural) plastic bottle and phenolic cap with pulp and polyvinyl film liner	72



Closure Tape

Closures of inner receptacles (bottles, cans, jars) should be held securely in place using sealing tape as a positive means of closure per 49 CFR (173.24(f)) and IATA (5.0.2.7.2) requirements. This recommended tape should be used on all inner containers.

Code	Description	Roll Qty	Case Qty
PA-MSST6	White vinyl tape, 0.75" x 6"	100	18 rolls



Packaging Accessories

Leakproof Bags

Primary leakproof vapor barrier bag with English, French, and Spanish biohazard label is available in two sizes.

Code	Description
PK-BI4754PE	7" x 8" bag
PK-BI4755PE	9" x 12" bag

Our secondary bags have been hydrostatically tested to meet 95 kPa, and are printed 2-color in three languages.

Code	Description
BI-BIOBAG1	6" x 8" bag (<i>usable space</i>)
BI-BIOBAG2	11.25" x 10" bag (<i>usable space</i>)



Compartmental Bubble Pouches

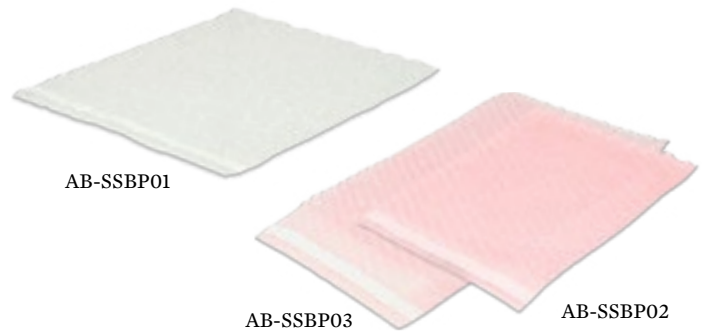
Use these bubble wrap pouches to protect your specimens. Each pouch is 13.75" x 6" with six 2" compartments. Sold individually or in cases of 25.

Code: BI-INF600



Self Sealing Bubble Pouches

Code	Description
AB-SSBP01	Standard .1875" bubble diameter, 7" x 8.5"
AB-SSBP02	Anti-static .1875" bubble diameter, 7" x 8.5"
AB-SSBP03	Anti-static .1875" bubble diameter, 7" x 11.5"



Absorbent



Our BIOSORB absorbent strips are a fiber-based paper bonded with BIOSORB absorbent. Each strip is 4.25" x 2.25" which will absorb 53.15ml urine or 31.89ml blood. Available in packages of 100.

Code: AB-INFSTRIP

Packaging Accessories

Tape & Tape Gun



Code	Description	Roll Size	Case Qty
PA-MSST1	3M #305 clear tape	48mm x 100m	36 rolls
PA-MSST4	3M #375 clear tape	48mm x 100m	36 rolls
PA-MSST5	3M Tartan utility 8934 tape	48mm x 100m	36 rolls
PA-GPS1	Kraft reinforced (260)	3" x 450'	10 rolls
PA-MSSTD1	2" tape dispenser	N/A	N/A



Siftproof/Leakproof Liner Bags

Code	Size	Description	Box Qty	Thickness
BI-BSS8	24" x 24"	Siftproof/ leakproof liner bags	1000	0.24 mil
BI-BSS9	30" x 37"	Siftproof/ leakproof liner bags	500	0.51 mil
BI-BSS10	43" x 48"	Siftproof/ leakproof liner bags	200	0.55 mil
BI-BSS11	7" x 24"	Siftproof/leakproof liner bags	1000	4 mil
BI-BSS12	10" x 30"	Siftproof/leakproof liner bags	500	4 mil



Anti-Static Bags & Accessories

Code	Description	Case Qty
BI-BSS16	Anti-static bag, 9" x 12"	1000
BI-BSS17	Anti-static bag, 12" x 18"	1000
BI-BSS18	Anti-static bag, 18" x 24"	500
TG-PT1	Plastic locking tie	1000/bag



Leakproof Ziplock Bags

Code	Description	Case Qty
BI-4754PE	7" x 8" ziplock bags	250
BI-4755PE	9" x 12" ziplock bags	250



Packing List Envelopes

Code	Description	Case Qty
AC-MSGB105	Packing list envelopes	1000
AC-MSGB105B	Packing list envelopes (<i>bilingual</i>)	1000



Closure Tape

Closures of inner receptacles (bottles, cans, jars) should be held securely in place using sealing tape as a positive means of closure per 49 CFR (173.24(f)) and IATA (5.0.2.7.2) requirements. This recommended tape should be used on all inner containers.

Code	Description	Roll Qty	Case Qty
PA-MSST6	White vinyl tape, 0.75" x 6"	100	18 rolls



Refer to the regulations for information on applying positive means of closure.

Biological Substances Packaging

Category A Shipping System, Ambient



This category A shipper has a standard capacity of five 10 ml vials. Each system comes complete with a white outer box (6.5" x 6.5" x 8" OD), a 1.25 litre reusable polypropylene secondary pressure vessel, retaining coil, 50 ml absorbent strip and 6" x 10" bubble wrap.

Code	Description	Case Qty
PK-STP100	Infectious packaging with 1.25 litre pressure vessel	12

Category A Shipping System, Ambient



This category A shipper has a standard capacity of twenty 10 ml vials. Each system comes complete with a white outer box (12" x 11" x 13" OD), inner box (6.5" x 6.5" x 8" OD), disposable 2-part medium secondary pressure vessel (2), and two 100 ml absorbent strips. This shipper meets FX-11 size requirements.

Code	Description	Case Qty
PK-STP110	Infectious packaging, maximum twenty 10 ml vials	10

Category A Shipping System, Ambient



This category A shipper has a standard capacity of one – four 10 ml vials. Each system comes complete with an outer box (11.25" x 7.75" x 7.75" OD), an inner box (6.75" x 3.25" x 3.5" OD), disposable 2-part small secondary vessel, 6" x 12" bubble wrap, and 50 ml absorbent strip. This shipper meets FX-11 size requirements.

Code	Description	Case Qty
PK-STP130	Infectious packaging, maximum four 10 ml vials	10

Disposable 2-Part Secondary Pressure Vessel



This disposable secondary pressure vessel is certified for use with PK-STP110. Components include inner leak-proof polybag (8.5" x 10.5" ID), and outer envelope (7.5" x 9.5" OD). Holds up to sixteen 10 ml vials.

Code	Description	Case Qty
PK-STP710	Disposable secondary pressure vessel	50

Biological Substances Packaging

Category B/Exempt Shipping System, Ambient

This category B shipper has a standard capacity of ten 10 ml vials. The system includes an outer box (9" x 4" x 4" OD), a disposable 2-part medium secondary pressure vessel, and a 100 ml absorbent strip.

Code	Description	Case Qty
PK-STP210	Diagnostic specimen shipper	10



Category B/Exempt Shipping System, Ambient

This category B shipper has a maximum capacity of twenty 10 ml vials. The system includes an outer box (11.75" x 9.5" x 4.25" OD), a 100 ml absorbent strip, and a disposable 2-part medium secondary pressure vessel.

Code	Description	Case Qty
PK-STP250	Diagnostic specimen shipper	10



Disposable 2-Part Secondary Pressure Vessel

This disposable secondary pressure vessel comes with an inner leak-proof polybag (13" x 17" ID) and outer envelope (12" x 16" OD).

Code	Description	Case Qty
PK-STP740	Disposable 2-part secondary pressure vessel	50

Inner leak-proof polybags only (13" x 17" ID). Must be used with an outer envelope.

Code	Description	Case Qty
PK-STP741	Leak-proof polybags, 13" x 17"	250



Single Packaging - Plastic

5 gal | 20 | HDPE Closed Head Shipper



Specifications: 1H1/Y1.8/100 (with non-vented screwcap)

Specifications: 1H1/Y1.3/100 (with vented screwcap)

Bundle Size: 36

Diameter: 12"

Opening: 70 mm

Maximum Specific Gravity: 1.8

Height: 16.25"

Torque Spec: 120 in-lbs

Code

Description

PK-KH6005	Single container with drop handle & 70 mm non-vented cap
PK-KH6005V	Single container with drop handle & 70 mm vented cap
PK-KH6005F	Single container with drop handle & 70 mm flexspout cap
PC-KH6005	Single container with drop handle only
CP-70MMG	70 mm screwcap with 0.75" reducer (Rieke)
CP-70MMGV	70 mm screwcap vented* (Rieke) (image not shown)
CP-70MMF	Flexspout installed in 70 mm Rieke screwcap (shown in top ex.)
PA-MTSP11	Plastic spigot with 0.75" opening (shown in bottom ex.)
PK-UPS	Overpack box with top and bottom pads

Available in USA only

*Vented screwcap not authorized for air transport

5 gal | 20 | HDPE Closed Head Shipper



Specifications: 1H1/Y1.8/100

Bundle Size: 36

Opening: 63 mm

Height: 412 mm

Diameter: 305 mm

Maximum Specific Gravity: 1.8

Torque Spec: 70 in-lbs

Code

Description

PK-KH6005C	Single container with built-in handle and 63 mm cap
PC-KH6005C	Single container with built-in handle only
CP-63MMG	63 mm cap only
PA-MTSP11	Plastic spigot with .75" opening
PK-UPS	Overpack box with top and bottom pads
PA-MTTWH63	63 mm Torque wrench head



Natural clear plastic container

Available in Canada only

5 gal | 20 | HDPE Open Head Shipper



Specifications: 1H2/Y43/S (solids with solid cover)

Specifications: 1H2/Y1.5/30 (liquids with solid & Rieke spout cover)

Bundle Size: 108

Top Diameter: 12.4375"

Opening: Open head

Bottom Diameter: 10.5"

Height: 14.75"

Maximum Specific Gravity: 1.5

Code

Description

PK-KH6007S	Open head pail and solid cover
PK-KH6007F	Open head pail and solid cover with Rieke spout
PC-KH6007	Open head pail only
CP-COVERS	Solid cover only
CP-COVERF	Solid cover with Rieke spout only
PK-UPS	Overpack box with top and bottom pads
PA-MTLL1	Lid lift (optional)

This product does not meet 95 kPa requirements



Single Packaging - Plastic

NEW JERRYCANS

HDPE jerrycans with handle are the new alternative solution for packaging, storing & transporting chemicals that usually require glass, metal, fluorinated HDPE or other single barrier containers. HDPE jerrycans are impact-resistant, lightweight, rugged, economical & stackable containers for chemicals. These jerrycans are effective containers for solvents, esters, ketones and some acids.

QUORAL® (patent pending)-based jerrycans have been extensively tested both for efficacy and safety. They can be used to safely dispense, store and transport solvents such as household chemicals, industrial & laboratory chemicals and waste, cleaning solvents, adhesives, wood preservatives, automotive additives, chemicals in the agricultural, automotive and photochemical sectors. Additionally, they can be used to safely store and transport food ingredients, flavorings, edible oils, essential oils and other industry products such as cosmetics and fragrances. Jerrycans offer an attractive and environmentally friendly alternative to glass, metal containers, coextruded or fluorinated containers and other single-layer barrier containers, polyester and PVC containers.

Key Features:

- Replaces fluorinated, glass, steel and epoxy phenolic
- UN classification rated X (4L, 5L, 10L) Y (20L)
- Impact-resistant and corrosion-resistant
- Durable, lightweight, stackable
- FDA compliant
- Economical and recyclable

Compared to HDPE:

- Quoral BR is 100x more efficacious with hydrocarbon solvents
- Provides an excellent aroma barrier
- 2x to 5x improvement in O2 barrier performance

Efficacy:

- Solvents: up to 300x of HDPE
- Oxygen: up to 100x of HDPE
- Fluorinated: up to 2X more efficient barrier

1 gal | 4 | Jerrycan

Code	Description	UN Rating
PC-BT4L	Jerrycan with handle and cap	3H1/X1.2/250
PK-BT4L	Jerrycan with handle, cap, & overpack	3H1/X1.2/250
BX-BT4L	7.5625" x 5.75" x 8.625" overpack box	



1.3 gal | 5 | Jerrycan

Code	Description	UN Rating
PC-BT5L	Jerrycan with handle and cap	3H1/X1.2/250
PK-BT5L	Jerrycan with handle, cap & overpack	3H1/X1.2/250
BX-BT5L	7.5626" x 5.75" x 10.375" overpack box	



2.64 gal | 10 | Jerrycan

Code	Description	UN Rating
PC-BT10L	Jerrycan with handle and cap	3H1/X1.2/250
PK-BT10L	Jerrycan with handle, cap, & overpack	3H1/X1.2/250
BX-BT10L	9" x 7.5" x 12.625" overpack box	



5.28 gal | 20 | Jerrycan

Code	Description	UN Rating
PC-BT20L	Jerrycan with handle and cap	3H1/Y1.8/100
PK-BT20L	Jerrycan with handle, cap, & overpack	3H1/Y1.8/100
BX-BT20L	11.75" x 10" x 14.5" overpack box	



Single Packaging - Steel

5 gal | 20 | Closed Head Pail Shipper



Specifications: 1A1/X1.2/250
Opening: 2"
Inner Diameter: 11.25"
Lining: Clear phenolic
Gauge: 24
Maximum Specific Gravity: 1.2
Torque Spec: 30 ft lbs
Skid Qty: 36/48

Code	Description
MT-M502	5 gallon steel pail overpack box required (<i>see below</i>)

5 gal | 20 | Open Head Pail Shipper



US Only



CA Only

Specifications: 1A2/Y1.8/100
Opening: Open head
Inner Diameter: 11.25"
Lining: Clear phenolic
Gauge: 26
Maximum Specific Gravity: 1.8
Skid Qty: 120

Code	Description
MT-M50	5 gallon steel pail crimping tool required (<i>see below</i>) overpack box required (<i>see below</i>)

5 Gallon Pail Crimping Tool



Easy to use - weighs only 38 pounds
 Designed with the user in mind! Closes all 16 lugs at once.

Specifications: Use on 20, 24, 26 or 28 gauge pails with an 11.25" inner diameter.

Code	Description
PA-US910HHP	High-performance crimping tool

5 Gallon Overpack Box



Both FedEx and UPS require 5 gallon single packages to be placed in a sturdy overpack. Our overpack box comes complete with top and bottom pads to help keep your can securely in place. This box is available with or without handles.

Insert: 2 IN-UPSPAD
Box Inner Dimensions (L x W x H): 12" x 12" x 16.25"
Bundle Qty: 15
Skid Qty: 240

Code	Description
PK-UPS	Overpack box (<i>with top and bottom pads</i>)
PK-UPSOPH	Overpack box with handles (<i>with top and bottom pads</i>)

Single Packaging - Steel

1 gal | 4 | Closed Head Can

This gasoline can is ideal for shipping a variety of fuels. A convenient way of sending test samples to laboratories.

Specifications: 1A1/X1.5/250

Opening: .75"

Lining: Epoxy/Phenolic

Maximum Specific Gravity: 1.5

Torque Spec: 15 ft lbs

Skid Qty: 175

Code	Description
MT-C10	Gallon can with .75" bung <i>requires torque of 15 ft-lbs</i>
PA-MTSP11	Spigot .75" opening

**For use when single packages are allowed.*



Gasoline Jet Fuel Shipper

This shipper meets the 95 kPa requirement and can be used for air shipments.

Specifications: 4G/X9.6/S

Box #: BX-11DF

Gross Mass: 9.6 kg

Box Inner Dimensions (L x W x H): 6.75" x 6.75" x 9"

Torque Spec: 15 ft lbs

Code	Description
PK-MTM11	Box, gallon can with 3/4" bung, anti-static bag, spigot
PK-MTM11NS	Box, gallon can with 3/4" bung, anti-static bag
PA-MTSP11	Spigot .75" opening



Torque Wrench

Use this torque wrench to ensure your container is closed in the same manner in which it was tested.

Specifications Fits .75" or 2" opening.

Torque: 30 ft lbs – 15 ft lbs

Code	Description
PA-MTTW3015	Torque wrench



Salvage Drums & Steel Drums

Salvage Drums

Our salvage drums are constructed with high-quality carbon steel and meet the UN performance packaging requirements. These are designed to handle leaking containers and meet the 49 CFR requirements (173.3(c)). Comes in multiple languages and ranges from 8 gallons to 110 gallons. Standard salvage drums have a rust inhibitor lining, but an optional corrosion-resistant epoxy lining is available upon request. Comes with bolt-ring closures and rubber gasket.

Code	Description	Gauge	# Solids	# Liquids
MT-M80	8 gallon	20/20/20	1A2/X96/S	1A2/Y1.8/150
MT-M81	10 gallon	20/20/20	1A2/X120/S	1A2/Y1.8/150
MT-M82	20 gallon	20/20/20	1A2/X120/S	1A2/Y1.8/150
MT-M82L	20 gallon lined	20/20/20	1A2/X120/S	1A2/Y1.8/150
MT-M84	30 gallon	16/18/18	1A2/X235/S	1A2/Y1.5/150
MT-M84L	30 gallon lined	16/18/18	1A2/X235/S	1A2/Y1.5/150
MT-M85	55 gallon	16/16/16	1A2/X430/S	1A2/Y1.5/175
MT-M85L	55 gallon lined	16/16/16	1A2/X430/S	1A2/Y1.5/175
MT-M86	85 gallon	16/16/16	1A2/X440/S	1A2/Y320/S
MT-M86L	85 gallon lined	16/16/16	1A2/X440/S	1A2/Y320/S
MT-M88	110 gallon	16/16/16	1A2/Y409/S	N/A
MT-M88L	110 gallon lined	16/16/16	1A2/Y409/S	N/A



Steel Drums

Our steel drums are constructed with cold rolled carbon steel and have been tested to meet the UN performance packaging requirements. They are specifically designed to ship or store hazardous materials. Sizes range from 8 gallons to 55 gallons. Standard steel drums have a rust inhibitor lining, but an optional corrosion-resistant epoxy lining is available upon request. Steel drums come in black with a white top. Open head drums have a 2" steel plug opening with a 0.75" vent on top. Closed head drums have bolt-ring closure.

Code	Description	Gauge	# Solids	# Liquids
MT-CQ0803	8 gallon TH	20/20/20	N/A	1A1/X1.4/250
MT-CQ1003	10 gallon TH	20/20/20	N/A	1A1/X1.4/250
MT-CQ2006	20 gallon OH	18/18/18	1A2/X220/S	1A2/Y1.5/150
MT-CQ2006L	20 gallon lined OH	18/18/18	1A2/X220/S	1A2/Y1.5/150
MT-CQ3007	30 gallon OH	16/18/18	1A2/X235/S	1A2/Y1.5/150
MT-CQ3007L	30 gallon lined OH	16/18/18	1A2/X235/S	1A2/Y1.5/150
MT-CQ5507	55 gallon OH	16/18/18	1A2/X400/S	1A2/Y1.5/150
MT-CQ5507L	55 gallon lined OH	16/18/18	1A2/X400/S	1A2/Y1.5/150
MT-CQ5516	55 gallon TH	16/16/16	N/A	1A1/X1.8/300
MT-CQ5516L	55 gallon lined TH	16/16/16	N/A	1A1/X1.8/300

F.O.B. Chicago, IL



Absorbent & Packing Materials

Vermiculite

Mandatory for all shipments of liquids by air when secondary means of closure cannot be done. This Grade A4 extra coarse vermiculite is an excellent and economical solution for shipping samples.

Grade: A4, Extra Coarse

Bag Size: 4 cubic feet

Skid Qty: 30

Code	Description
AB-VERM4	Vermiculite, 19 lb 8.62 kg



K-SORB® Universal Particulate

This is a highly absorbent cellulose product used to absorb and control liquid spills in industrial settings. It is manufactured from recycled cellulose fiber and is non-selective (universal) in what it absorbs. It is a non-carcinogenic, low-dust alternative to clay and vermiculite. K-SORB® Universal Particulate can absorb 3 to 5 times its weight in liquid spills. The shipper must determine compatibility. K-SORB® may react with some class 8 (corrosive) and class 5.1 (oxidizer) materials.

Dust Content: Low

Bag Size: 10 lbs

Skid Qty: 100

Code	Description
AB-KSORB	K-SORB® 10 lb bag



Yellow Particulate

Yellow particulate is a great dust-free alternative to vermiculite. Use this to fill void space and maintain cushioning distances. This universal loose absorbent is great for most chemicals.

Dust Content: Low

Bag Size: 25 lbs

Code	Description
AB-PARTICU	Yellow polypropylene particulate



Packing Peanuts

Packing peanuts can be used as cushioning material. Be sure to have your packaging tested with packing peanuts to ensure compliance.

Dust Content: Low

Bag Size: 14 cu ft or 20 cu ft

Code	Description
AB-PEABD01	20 cu ft, white peanuts
AB-PW14CU	14 cu ft, white peanuts



Absorbent Materials

Water Absorbents

Hazmat Absorbents for Acids, Bases and Unknown Liquids

When hazardous or unknown liquids spill, use hazmat sorbent products for quick, effective response. Hazmat sorbents are yellow for quick identification in an emergency.

Hazmat Pads and Rolls

Pads and rolls are made of 100% polypropylene and absorbs most aggressive or caustic fluids. Sonic-bonded “dimples” add strength and fast-wicking power.

Hazmat Socks

Socks are used to keep liquids from spreading to larger areas. They are available in 3” diameter with lengths of 4’, 8’ and 12’.

Hazmat Booms

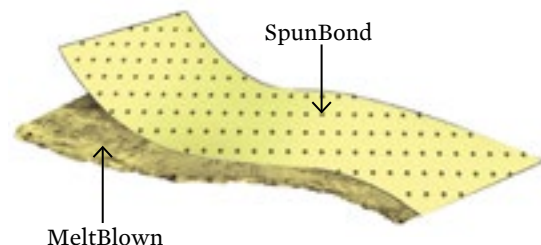
Booms are used to contain and absorb large volume spills. Choose 5” or 8” diameters in a 10’ length.

Hazmat Pillows

Toss on to contain the liquid. Easy-to-use, quick-to-absorb. The sizable surface area and amount of filler allows for quick and efficient containment.



Code	Description	Size	Units/Pkg	Absorbs/Pkg
AB-YPB100H	Heavy weight pads	15” x19”	100	29.1 gallons
AB-YPB50H	Heavy weight pads	15” x19”	50	14.6 gallons
AB-YRB150H	Heavy weight rolls	30” x 150’	1	55.2 gallons
AB-YRSB150H	Heavy weight split rolls	15” x 150’	2	55.2 gallons
AB-YS04010	Hazmat socks	3” x 4’	10	10 gallons
AB-YS04030	Hazmat socks	3” x 4’	30	30 gallons
AB-YS0815	Hazmat socks	3” x 8’	15	30 gallons
AB-YS01210	Hazmat socks	3” x 12’	10	30 gallons
AB-HZ510SN	Hazmat boom	5” x10’	4	30 gallons
AB-HZ810SN	Hazmat boom	8” x10’	4	48 gallons
AB-YPIL818	Hazmat pillow	8” x 18”	20	26.8 gallons
AB-YPIL1818	Hazmat pillow	18” x 18”	10	29.1 gallons



Technology inside

Hazmat/SonicBonded – One (1) layer of lint-free SpunBond fabric is ultrasonically bonded to one (1) layer of MeltBlown sorbent.

Universal & Oil Absorbents

When a general purpose sorbent is needed, use these SonicBonded pads to quickly soak up liquids. Choose universal gray for oils, coolants, solvents and water-based spills and white for oils only.

Code	Description	Size	Units/Pkg	Gal/Pkg
Gray Universal				
AB-GPB100H	Heavy weight pads	15” x19”	100	29.1 gallons
AB-GPB50H	Heavy weight pads	15” x19”	50	14.6 gallons
AB-GRB150H	Heavy weight rolls	30” x 150’	1	55.2 gallons
AB-GRSB150H	Heavy weight split rolls	15” x 150’	2	55.2 gallons
White (Oil Only)				
AB-WPB100H	Heavy weight pads	15” x19”	100	29.1 gallons
AB-WPB50H	Heavy weight pads	15” x19”	50	14.6 gallons
AB-WRB150H	Heavy weight rolls	30” x 150’	1	55.2 gallons
AB-WRSB150H	Heavy weight split rolls	15” x 150’	2	55.2 gallons



**Sizes vary slightly from country to country*

Absorbent Materials

Absorbent/Cushioning Pillows

Absorbent pillows are handmade. Large orders may require additional production time. Absorption varies per type of liquid.

Specifications: Polyethylene cover, polyester stitched

Code	Description	Case Qty
AB-AP1	10" x 18" poly pillow	24
AB-AP2	7" x 7" poly pillow	75



Absorbent Pouches

We are pleased to offer a wide variety of absorbents to meet your needs. Double-layered, highly-absorbent, stitched together for ease-of-use, inserted into a polyethylene bag (included).

Code	Description
PK-AP5	6.75" x 13" pouch / liner bag Absorbs up to 25.5 oz = 0.75 liters*
PK-AP6	9.75" x 14" pouch / liner bag Absorbs up to 37.5 oz = 1.10 liters*

*Absorption varies per type of liquid



PK-AP5

PK-AP6

Absorbent Pads

Our BIOSORB absorbent strips are a fiber-based paper bonded with BIOSORB absorbent. Each strip is 4.25" x 2.25" which will absorb 53.15 ml urine or 31.89 ml blood. Available in packages of 100.

Code: AB-INFSTRIP



Battery Acid Spill Kit

This spill kit has everything you need to handle battery acid hazards, including personal protective equipment (PPE).

Kit Contains

- 3 - 3" x 4' socks
- 40 - 15" x 19" pads
- 2 - 18" x 18" pillows
- 1 pair neoprene gloves
- 1 pair safety goggles
- 2 - 2 lb. acid neutralizing sorbent shaker cartons

Code	Description
AB-SPKHZBAT	Battery spill kit, 22" W x 18" H plastic salvage drum

